Blakely, Sokoloff, Taylor & Zafman LLP
Title: Resource-Aware Scheduling for Compilers
1st Named Inventor: Kalyan Muthukumar
Express Mail No.: EV325531382US
Sheet: 1 of 11

(503) 684-6200

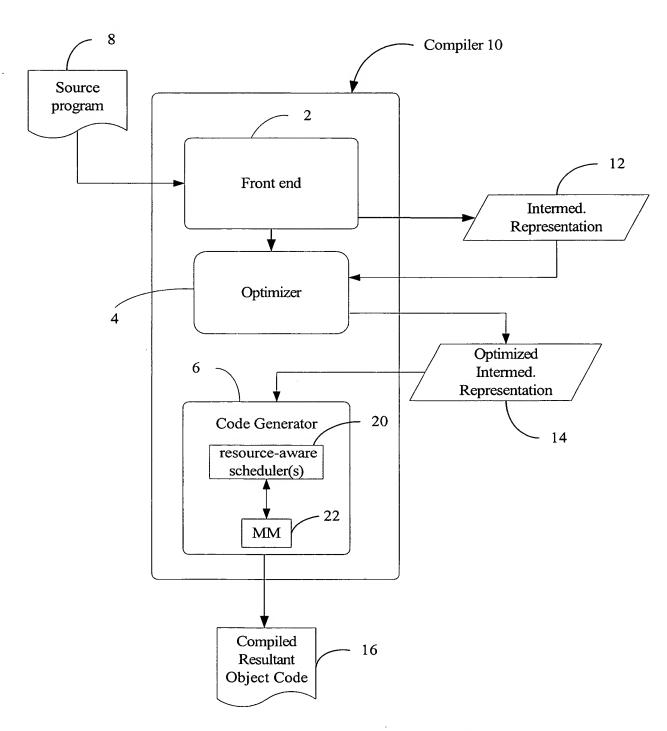


Fig. 1

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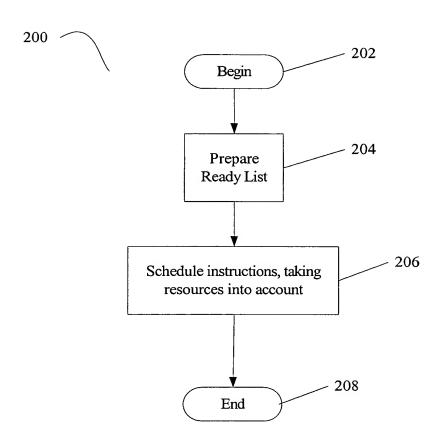


Fig. 2

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Title: Resource-Aware Scheduling for Compilers
1st Named Inventor: Kalyan Muthukumar
Express Mail No.: EV325531382US Docket No.: 42P18140
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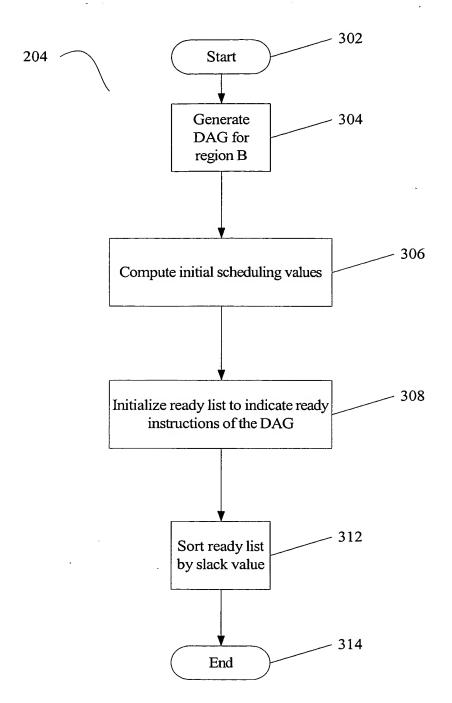


Fig. 3

Blakely, Sokoloff, Taylor & Zafman LLP
Title: Resource-Aware Scheduling for Compilers
1st Named Inventor: Kalyan Muthukumar
Express Mail No.: EV325531382US
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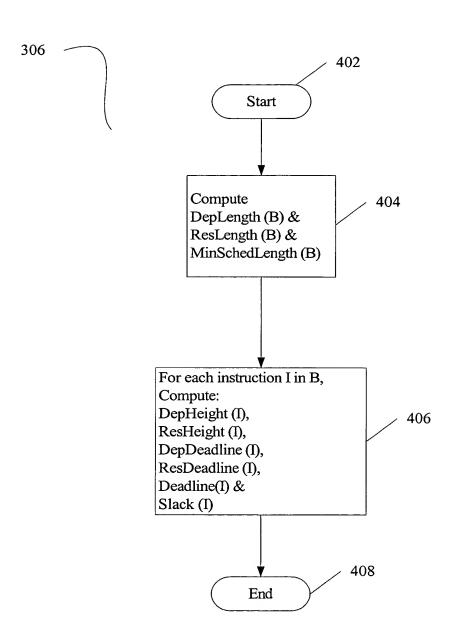


Fig. 4

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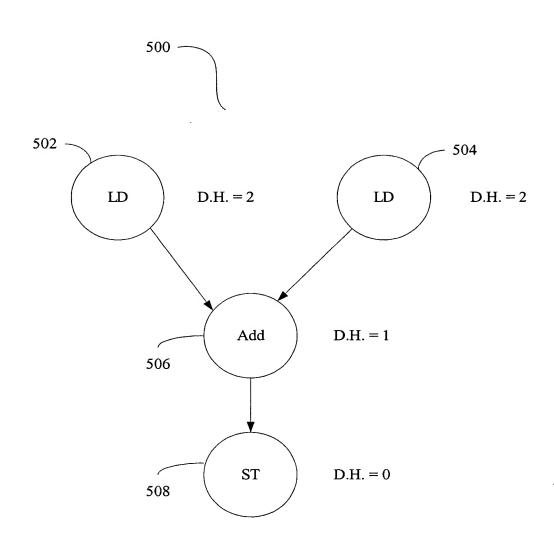


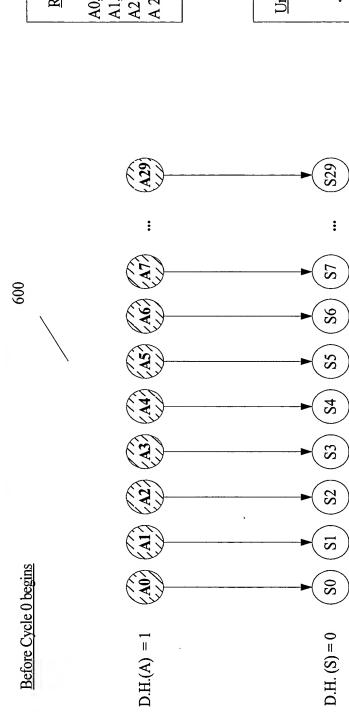
Fig. 5

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620 630 Uncover List Ready List <empty> A1,



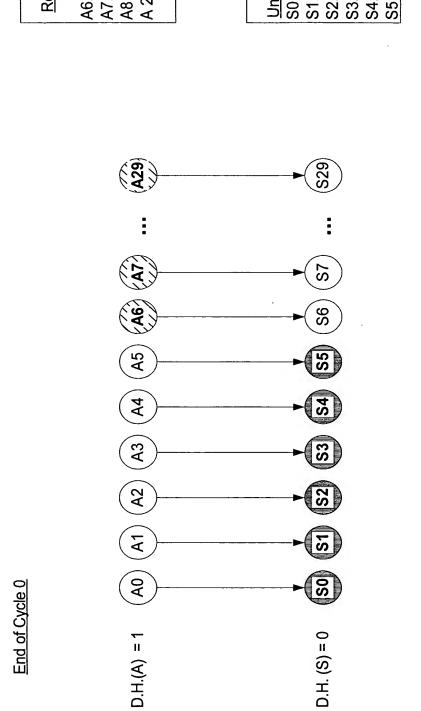
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Fig. 6

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620 630 <u>Uncover List</u> Ready List A6, A7, A8 ... A 29 S0, S2, S3, S4, S5



= uncovered

= ready

= already scheduled

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620 Ready List

S0,S1,S2, S3,S4,S5,A 6, A7, A8, ... A 29

A5 )

A4

**A3** 

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Beginning of Cycle 1

630

**Uncover List** 

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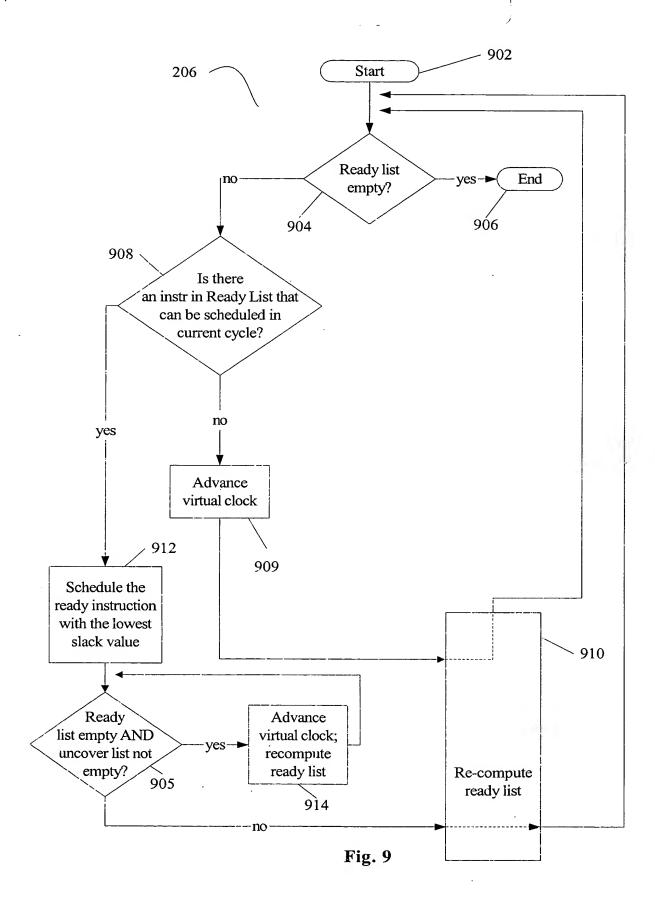
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Fig. 8

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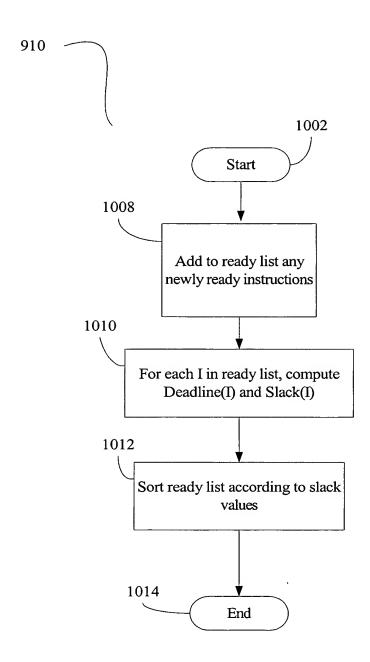


Fig. 10

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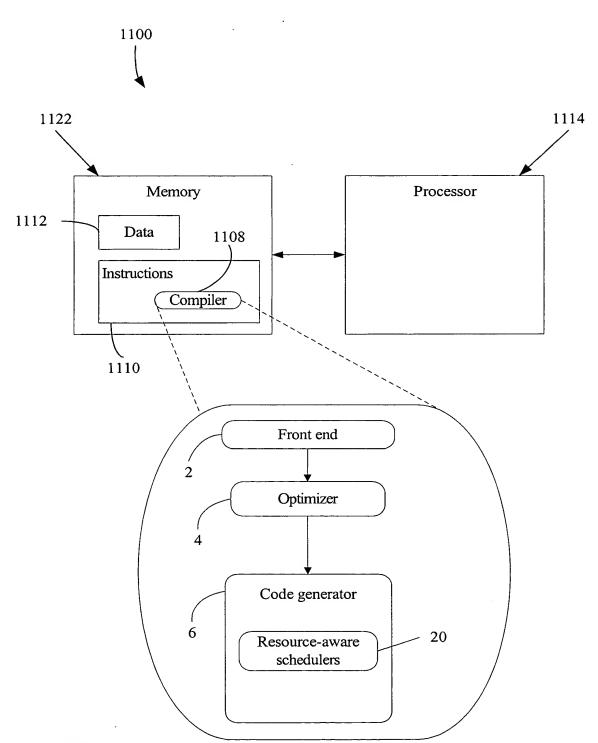


Fig. 11